

Species Tag:	14001	Species Name:	N-atom
Version:	1		$^4S_{3/2}$ ground state
Date:	Oct. 1979		
Contributor:	H. M. Pickett		
Lines Listed:	2	Q(300.0)=	12.001
Freq. (GHz) <	1	Q(225.0)=	12.001
Max. J:	3	Q(150.0)=	12.001
LOGSTR0=	-12.8	Q(75.00)=	12.001
LOGSTR1=	-4.2	Q(37.50)=	12.001
Isotope Corr.:	0.	Q(18.75)=	12.001
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	12.001
$\mu_a$ =		A=	
$\mu_b$ =		B=	
$\mu_c$ =		C=	

The hyperfine transitions of atomic nitrogen at 14.6 and 26.1 MHz were obtained from J. M. Hirsch, G. H. Zimmerman, III, D. J. Larson, and N. F. Ramsey, 1977, Phys. Rev. **A16**, 484. Intensities were calculated using the experimental  $g_J$  value.